

# Habitat Rummy

## Study Units

*Unit 1: Iowa's Wildlife Resource base; Unit 2: Iowa's Wildlife Habitats*

## Supplemental Information

See *Unit 1* for information about animal groups and *Unit 2* for information about wildlife habitats. Use the *Biodiversity of Iowa: Aquatic Habitats* CD or other reference materials listed in the "Additional Materials" section to research animals and their habitat requirements.

## Teaching Suggestions

Have students research animals from the *Forest, Prairie, and/or Wetland Lists* and develop rummy card sets. Incorporate drawings of habitat components to make the cards. (Note: Some species of wildlife are area-sensitive—need large areas of habitat to survive. Students should clarify the size of habitat needed in the space category.)

Have students fill in the *Habitat Information Chart* using habitat components needed by animals they research. This reinforces components of habitat for each species and can be used as a guide to create cards.

To make this activity more difficult, do not display the master chart. List categories (food, water, shelter, space, suitable arrangement) on the board to remind students of different habitat components. Note that they must collect one of each for each animal.

Have students draw or find pictures of components they think are important. If they draw or otherwise create the card, they will better remember information. Laminate the cards so they last longer.

## Evaluation

See the activity.

## Student Materials

Forest List  
Prairie List  
Wetland List

## Teacher Aids

Habitat Information Chart  
CD: Biodiversity of Iowa: Aquatic Habitats

## Additional Materials

Field Guides  
Christiansen, J.L. and R.M. Bailey. 1997. *The Lizards and Turtles of Iowa*. Des Moines: Iowa Department of Natural Resources.  
Christiansen, J.L. and R.M. Bailey. 1991. *The Salamanders and Frogs of Iowa*. Des Moines: Iowa Department of Natural Resources.

- Christiansen, J.L. and R.M. Bailey. 1990. The Snakes of Iowa. Des Moines: Iowa Department of Natural Resources.
- Laubach, C.M., Bowles, J. and R. Laubach. 1988. A Guide to the Bats of Iowa. Des Moines: Iowa Department of Natural Resources.
- Iowa Association of Naturalists. 2002. Iowa's Prairies. (available from: ISU Extension, [www.extension.iastate.edu/pubs](http://www.extension.iastate.edu/pubs), 515/294-5247)
- Iowa Association of Naturalists. 2002. Iowa's Woodlands. (available from: ISU Extension, [www.extension.iastate.edu/pubs](http://www.extension.iastate.edu/pubs), 515/294-5247)
- Iowa Association of Naturalists. 2002. Iowa's Wetlands. (available from: ISU Extension, [www.extension.iastate.edu/pubs](http://www.extension.iastate.edu/pubs), 515/294-5247)
- Thompson, J.R. 1992. Prairies, Forests and Wetlands. Iowa City: University of Iowa Press.
- [www.enature.com](http://www.enature.com) (online field guide including range maps, natural history information, photos, and more on species of mammals, birds, amphibians, reptiles, insects, spiders, bees, wasps, etc.)

# Forest List

Following are some animals that might be found in an Iowa forest.

## Mammals

bobcat  
eastern chipmunk  
eastern cottontail  
fox squirrel  
gray fox  
hoary bat  
Indiana bat  
long-tailed weasel  
opossum  
raccoon  
southern flying squirrel  
striped skunk  
white-tailed deer  
white-footed mouse

## Birds

American woodcock  
barred owl  
black-capped chickadee  
brown thrasher  
common flicker  
Cooper's hawk  
dark-eyed junco  
downy woodpecker  
eastern wild turkey  
gray catbird  
great-horned owl  
hairy woodpecker  
house wren  
indigo bunting  
northern cardinal  
northern oriole  
pileated woodpecker  
red-bellied woodpecker  
red-headed woodpecker  
red-tailed hawk  
rose-breasted grosbeak  
ruffed grouse  
scarlet tanager  
screech owl

sharp-shinned hawk  
tufted titmouse  
wood thrush  
yellow bellied sapsucker

## Invertebrates

centipede  
earthworm  
millipede  
snail  
sowbug

## Spiders, Ticks, Mites

daddy longlegs  
deer tick  
forest wolf spider  
wood tick

## Reptiles

brown snake  
fox snake  
milk snake  
timber rattlesnake  
wood turtle

## Amphibians

American toad  
central newt  
gray tree frog

## Moths & Butterflies

cecropia moth  
eastern tent caterpillar  
eastern tiger swallowtail  
fall webworm  
giant swallowtail  
luna moth

## Insects

aphids  
bald-faced hornet  
black carpenter ant  
cicada  
deer fly  
field cricket  
fireflies  
grasshopper  
honey bee  
horse fly  
katydid  
ladybug beetle  
May beetle/June bug  
mosquito  
termites  
walking stick



# Prairie List

Following are some animals that might be found in an Iowa prairie.

## Mammals

badger  
bison  
coyote  
elk  
eastern mole  
Franklin's ground squirrel  
least shrew  
plains pocket gopher  
prairie vole  
red fox  
spotted skunk  
thirteen-lined ground squirrel  
whitetail jackrabbit

## Birds

American goldfinch  
American kestrel  
bobolink  
burrowing owl  
dickcissel  
grasshopper sparrow  
northern harrier  
short eared owl  
upland sandpiper  
western meadowlark

## Reptiles

bull snake  
northern prairie skink  
ornate box turtle  
prairie rattlesnake  
western hognose snake

## Amphibians

plains spadefoot

## Invertebrates

aphid  
bumble bee  
earthworm  
garden spider  
honeybee  
praying mantis  
regal fritillary butterfly  
skipper butterflies



# Wetland List

Following are some animals that might be found in or near an Iowa wetland.

## Mammals

beaver  
meadow vole  
mink  
muskrat  
shorttail shrew

## Birds

American coot  
belted kingfisher  
bufflehead  
Canada goose  
common yellowthroat  
great blue heron  
herring gull  
least tern  
mallard  
marsh wren  
peregrine falcon  
red-winged blackbird  
spotted sandpiper  
trumpeter swan  
wood duck  
yellow warbler  
yellow-headed blackbird

## Invertebrates

dragonfly  
damselfly  
giant water beetle  
leech  
mayfly  
mosquito  
orb snail  
pond crayfish  
scud  
water boatman

## Reptiles

map turtle  
massasauga  
northern water snake  
plains garter snake  
snapping turtle  
western painted turtle  
western ribbon snake

## Amphibians

bull frog  
chorus frog  
northern leopard frog  
tiger salamander

## Fish

black bullhead  
common carp



# Habitat Information Chart

Habitat Component	Animals			
	Food			
	Water			
	Shelter			
	Space			
	Arrangement			